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AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Claim 1 (previously presented): A method for detecting missing servo patterns on printed magnetic media, the printed magnetic media having a plurality of tracks thereon, the method comprising the steps of:

- generating a map of anticipated servo burst patterns for a magnetic medium;
- placing the magnetic medium onto a disc reading assembly;
- identifying servo bursts on the magnetic medium using the disc reading assembly;
- generating a map of identified servo bursts on the magnetic medium; and
- comparing the map of identified servo burst patterns with the map of anticipated servo bursts to identify the location of missing servo bursts on the magnetic medium.

Claim 2 (original): The method for detecting servo patterns of claim 1, wherein:

- the disc reading assembly comprises a magnetic reading head; and
- the step of identifying servo bursts on the magnetic medium comprises the steps of:
 - passing the magnetic reading head over a selected track of the magnetic medium;

- sampling magnetic flux on the selected track of the magnetic medium using the magnetic reading head at initial servo pattern locations, the magnetic reading head providing an output signal of power proportional to the degree of magnetic flux sampled;
 - and

- processing the sampled output signals for the initial servo pattern locations by performing a frequency down conversion coupled with band pass filtering and rms-to-DC conversion.

Claim 3 (original): The method for detecting servo patterns of claim 2, wherein the sampled output signals are processed digitally.